

Application No.: 10/033,883

Docket No.: JCLA3573

**IN THE CLAIMS**

Please amend the claims as follows.

1. (Currently amended) A scanning analyzer unit, for analyzing a sample in a testing support, the scanning analyzer unit comprising:

a scanner device, for scanning the testing support suitable for supporting a reaction of analytes in the sample to achieve a color separation, wherein the scanner device outputs a test signal corresponding to concentrations of the analytes in response to scanning of the testing support after the reaction of the analytes, and wherein the scanner device comprises a light emission diode (LED) array;

a signal amplifier coupled to the scanner device to amplify the test signal;

an analog/digital converter coupled to the signal amplifier, wherein the analog/digital converter converts the amplified test signal into a digital test signal;

a computing unit, coupled to the analog/digital converter ~~scanner device~~, for receiving and analyzing the digital test signal to output a control signal and to obtain concentrations values of the analytes;

a controller device, coupled to the computing unit ~~scanner device~~, for receiving the control signal and outputting a driver signal according to the control signal; and

a stepping motor ~~driver device~~, coupled to the controller device and the scanner device, for receiving the driver signal and driving the scanner device to measure the concentrations of the analytes.

Claims 2-4 (canceled).

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5. (previously presented) The scanning analyzer unit of claim 1, further comprising an interface placed between the computing unit and the controller device to enable signal transfer between the computing unit and the controller device.

6. (original) The scanning analyzer unit of claim 5, wherein the interface is a standard RS-232 interface.

7. (previously presented) The scanning analyzer unit of claim 1, wherein the sample is of chemical or biological nature.

**Claims 8-17. (Cancelled)**